



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

DWH

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 2, 1984

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 059)

Mr. Robert A. Malone, Director
Environmental Affairs
Kennecott Minerals Corporation
P. O. Box 11248
Salt Lake City, Utah 84147

Dear Mr. Malone:

RE: Settling Basin Design Plans, Kennecott Minerals Corporation, Bingham Mine, ACT/035/002, Salt Lake County, Utah

Thank you for submission of plans received September 24, 1984 for construction of the settling basin(s) at the Bingham Mine site. However, lack of technical detail precludes the Division from granting an approval to the design at this time. The type of information still necessary for review includes:

1. Size and type of materials to be used for the dikes.
2. Outlet design and sizing criteria.
3. Embankment design and sizing criteria.
4. Plans for temporary stabilization (revegetation) of all dikes, dams and other disturbed areas associated with this modification.

The Division does agree with the basic concept of the plan, however, the specific design criteria must be reviewed before even tentative or conditional approval could be considered. The Division would like to arrange an on-site visit to observe the areas associated with the proposal. If possible, we would prefer to set up such a meeting some time during the week of November 19.

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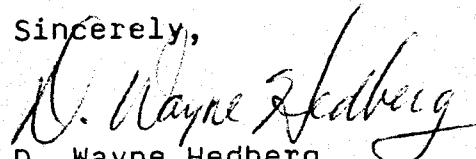
Mr. Robert A. Malone, Director

ACT/035/002

November 2, 1984

Please contact the Division at your earliest convenience so that approval of the site modification can be expedited.

Sincerely,



D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DH/btb

cc: Steve McNeal
Dianne Nielson
Ron Daniels
Randy Harden
Lynn Kunzler
Sue Linner
Tom Portle
Tom Suchoski
03380-29 & 30

Kennecott

Utah Copper Division
2500 West 1700 South
P. O. Box 21738
Salt Lake City, Utah 84114
(801) 322-6125

To Wayne

JWW

SEP 10 1984
SEP 10 1984

September 10, 1984

Kennecott

Mr. James W. Smith, Jr.
Administrator
Mineral Resource Development
and Reclamation Program
State of Utah Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED

SEP 10 1984

Dear Mr. Smith:

**DIVISION OF OIL
GAS & MINING**

In response to your letters to Mr. R. A. Malone dated May 11, 1984 and August 16, 1984, the following information is being submitted for your review and incorporation into Kennecott's Mining and Reclamation Plan (MRP) for the Bingham Canyon Mine.

1. Design specification for the treatment facilities to treat and discharge pit and north ore shaft water.
2. The approved NPDES permit for Kennecott's Bingham Canyon mining operation.
3. A comprehensive document titled, "Bingham Canyon Storm Water Management," which describes the circumstances requiring emergency changes in the MRP and provides the technical specifications and data associated with these changes.
4. Topographical maps (scale: 1" = 200') showing the new evaporation ponds, old evaporation ponds, seepage collection system and facilities to discharge collected seepage water to the Jordan River.

We apologize for the delay in providing you with this information; but, due to the emergency nature of the situation, the majority of this information was not available until the present time. We request your approval of these changes at your convenience.

Yours very truly,



S. D. Taylor
Division Environmental Engineer

SDT/ac
Enclosures

cc: Mr. R. A. Malone, w/o encs.
Mr. C. K. Vance, w/o encs.
Mr. H. M. Wimborne, w/o encs.